

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003607.D
 Acq On : 24 Nov 2020 15:57
 Operator : SY/MD
 Sample : L4860-01
 Misc : 5.34G/10ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:04:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 06:01:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	51906	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	46256	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	16692	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	18793	32.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.40%
7) Chloroethane-d5	2.77	69	15602	29.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.56%
10) 1,1-Dichloroethene-d2	3.86	63	27499	19.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.76%
20) 2-Butanone-d5	6.91	46	9119	31.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.22%
24) Chloroform-d	7.49	84	33987	25.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.04%
26) 1,2-Dichloroethane-d4	8.15	65	17415	23.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.20%
29) Benzene-d6	8.12	84	65665	24.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.48%
33) 1,2-Dichloropropane-d6	9.13	67	19343	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.92%
37) Toluene-d8	10.18	98	49199	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.52%
38) trans-1,3-Dichloropropene-	10.44	79	8391	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	10.79	63	4805	23.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.78%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	13755	19.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.92%
61) 1,2-Dichlorobenzene-d4	13.72	152	13525	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

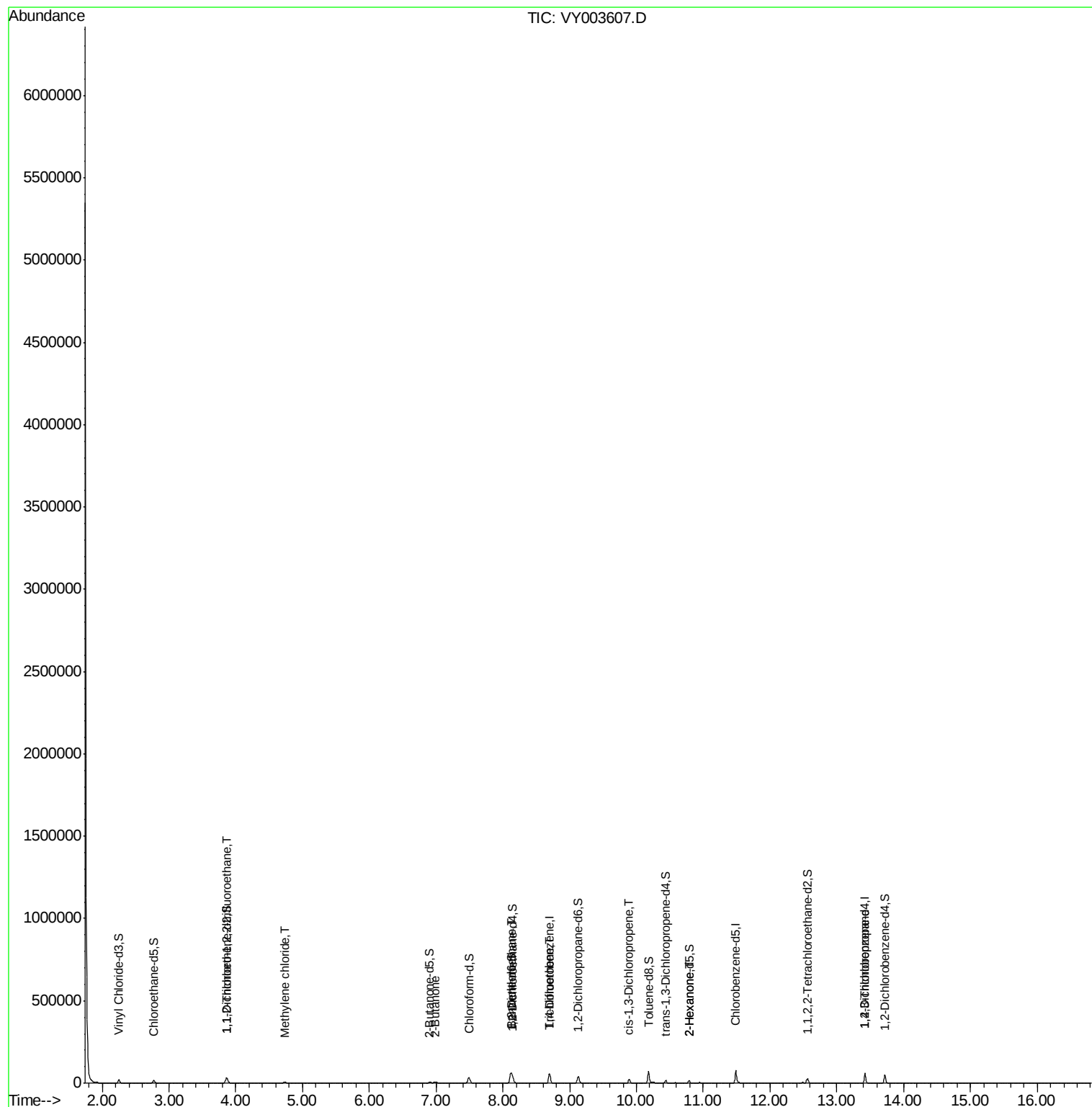
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	236	0.343 ug/L #	17
16) Methylene chloride	4.72	84	3304	3.713 ug/L	78
21) 2-Butanone	6.99	43	280	0.803 ug/L #	49
27) 1,2-Dichloroethane	8.13	62	180	0.209 ug/L #	74
35) Trichloroethene	8.69	95	1491	2.018 ug/L #	2
42) cis-1,3-Dichloropropene	9.88	75	624	0.550 ug/L	100
49) 2-Hexanone	10.79	43	946	1.990 ug/L #	49
59) 1,2,3-Trichloropropane	13.42	75	2200	4.168 ug/L	91

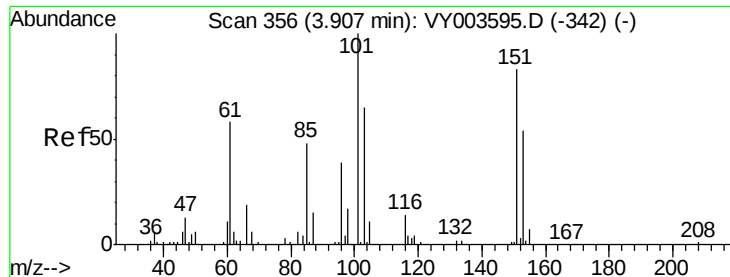
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
Data File : VY003607.D
Acq On : 24 Nov 2020 15:57
Operator : SY/MD
Sample : L4860-01
Misc : 5.34G/10ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 25 06:04:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 06:01:46 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.343 ug/L

RT: 3.86 min Scan# 348

Delta R.T. -0.05 min

Lab File: VY003607.D

Acq: 24 Nov 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

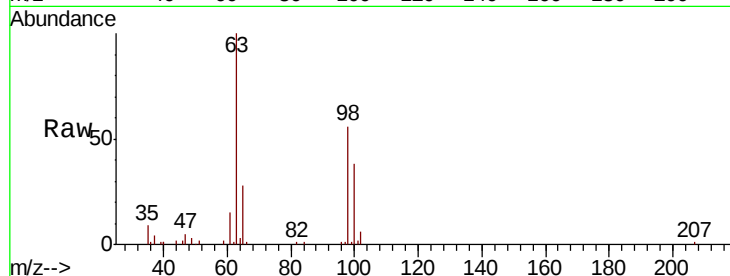
Tot Ion:101 Resp: 236

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

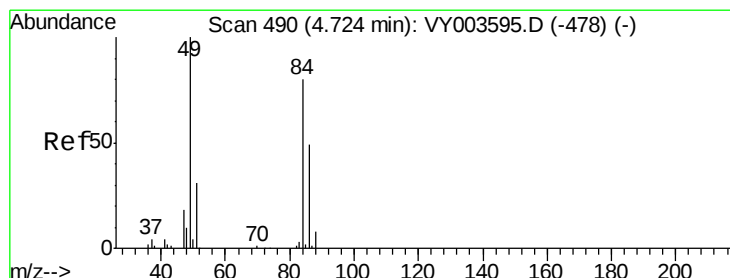
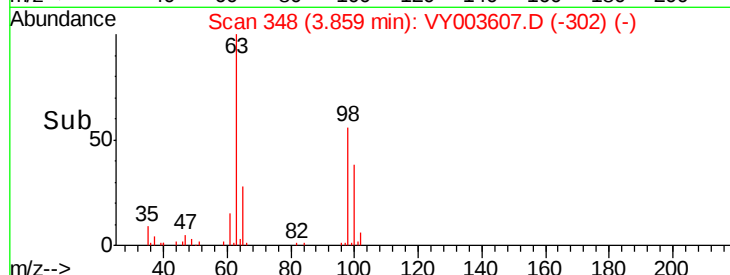
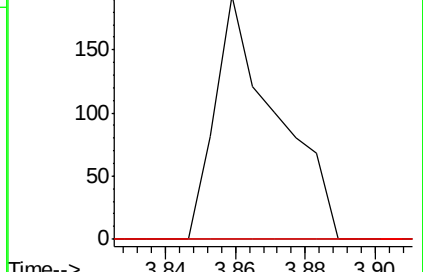
151 0.0 65.4 98.0#



Abundance Ion 101.00 (100.70 to 101.70): VY003595.D (-342) (-)

Ion 85.00 (84.70 to 85.70): VY003595.D (-342) (-)

Ion 151.00 (150.70 to 151.70): VY003595.D (-342) (-)



#16

Methylene chloride

Concen: 3.713 ug/L

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003607.D

Acq: 24 Nov 2020 15:57

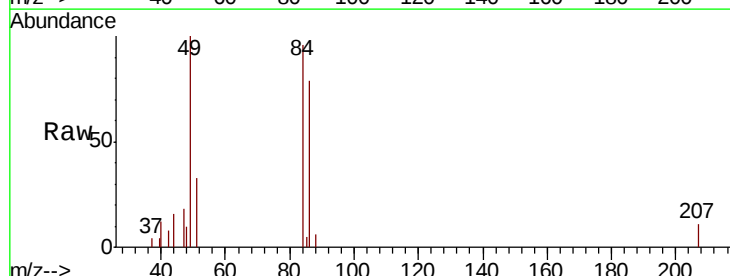
Tgt Ion: 84 Resp: 3304

Ion Ratio Lower Upper

84 100

49 104.2 90.3 167.7

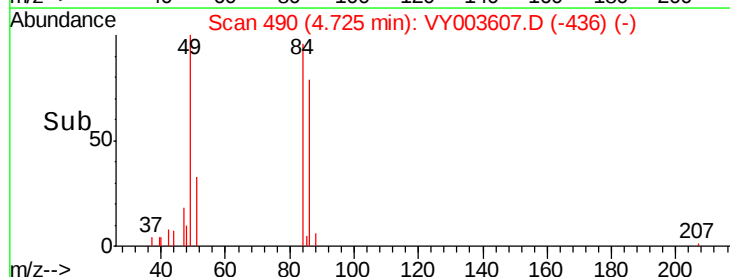
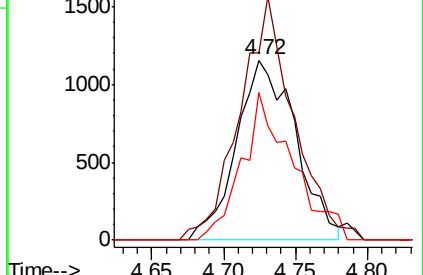
86 82.1 44.7 83.1

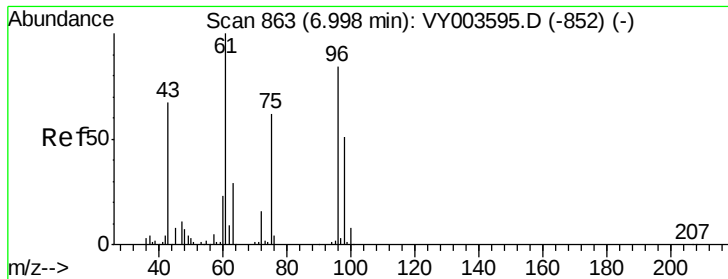


Abundance Ion 84.00 (83.70 to 84.70): VY003595.D (-478) (-)

Ion 49.00 (48.70 to 49.70): VY003595.D (-478) (-)

Ion 86.00 (85.70 to 86.70): VY003595.D (-478) (-)





#21

2-Butanone

Concen: 0.803 ug/L

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003607.D

Acq: 24 Nov 2020 15:57

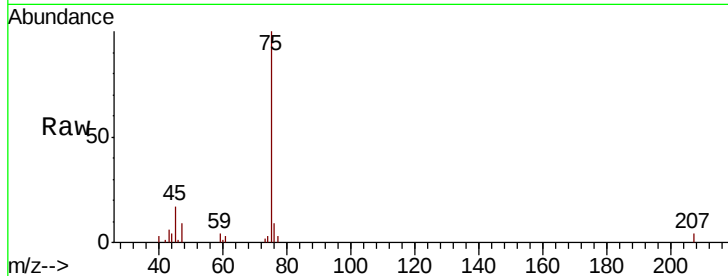
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 280

Ion Ratio Lower Upper

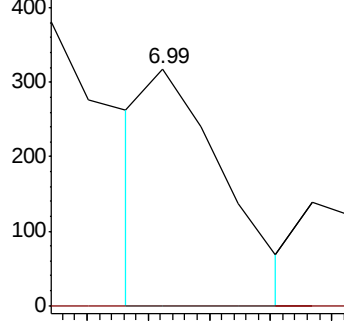
43 100

72 0.0 13.2 39.6#

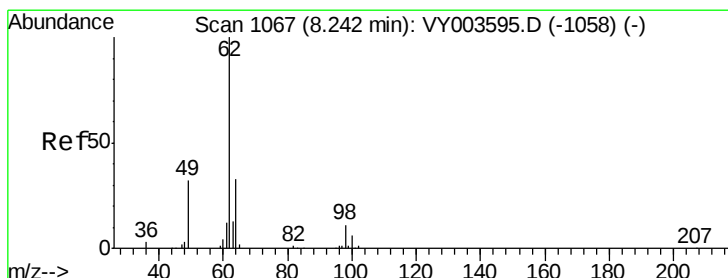
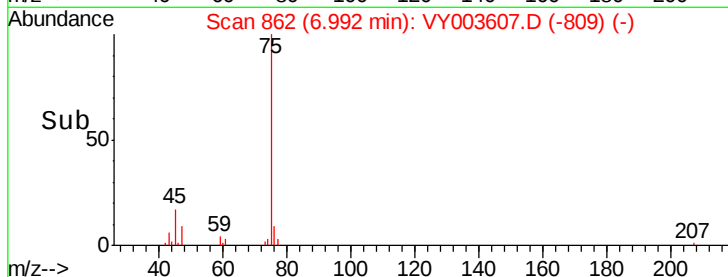


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#27

1,2-Dichloroethane

Concen: 0.209 ug/L

RT: 8.13 min Scan# 1049

Delta R.T. -0.11 min

Lab File: VY003607.D

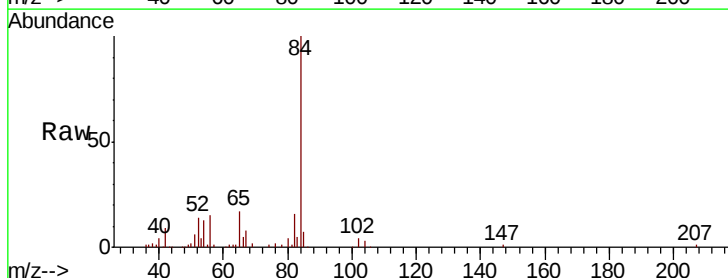
Acq: 24 Nov 2020 15:57

Tgt Ion: 62 Resp: 180

Ion Ratio Lower Upper

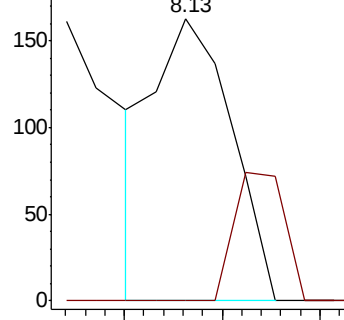
62 100

98 0.0 7.7 11.5#

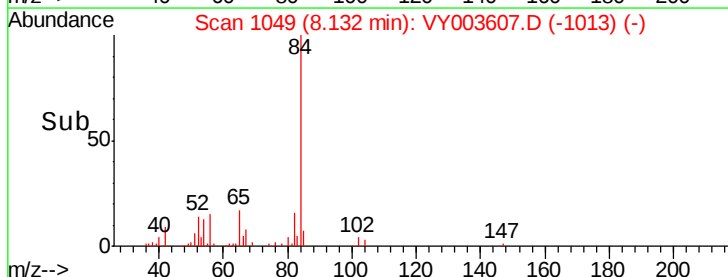


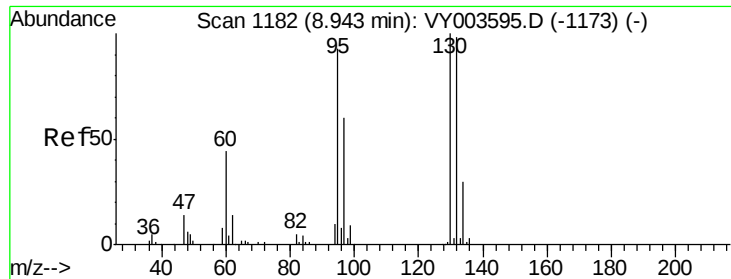
Abundance Ion 62.00 (61.70 to 62.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



Time-->





#35

Trichloroethene

Concen: 2.018 ug/L

RT: 8.69 min Scan# 1140

Delta R.T. -0.26 min

Lab File: VY003607.D

Acq: 24 Nov 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 95 Resp: 1491

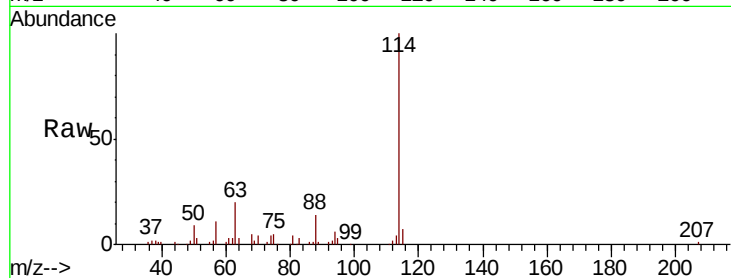
Ion Ratio Lower Upper

95 100

97 0.0 44.5 82.7#

132 0.0 73.1 135.7#

130 0.0 76.1 141.3#

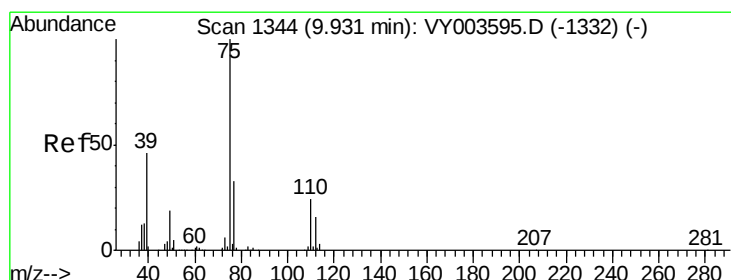
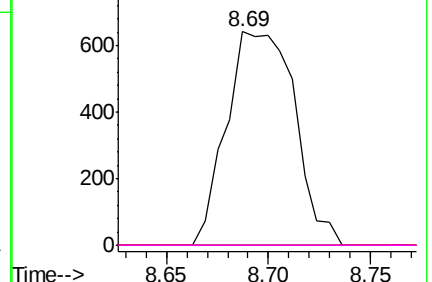
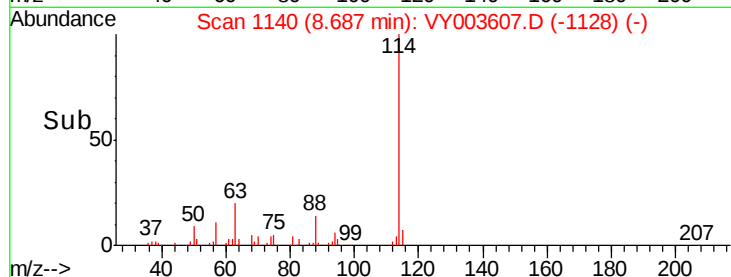


Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): VY0

Ion 130.00 (129.70 to 130.70): VY0



#42

cis-1,3-Dichloropropene

Concen: 0.550 ug/L

RT: 9.88 min Scan# 1336

Delta R.T. -0.05 min

Lab File: VY003607.D

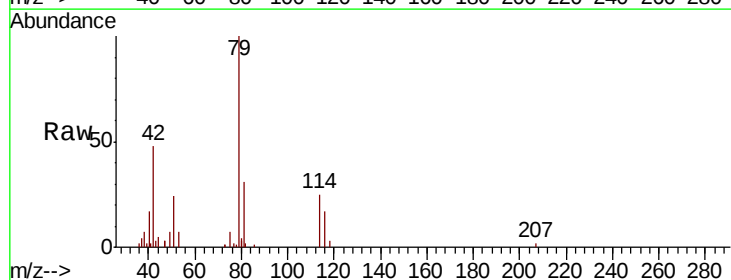
Acq: 24 Nov 2020 15:57

Tgt Ion: 75 Resp: 624

Ion Ratio Lower Upper

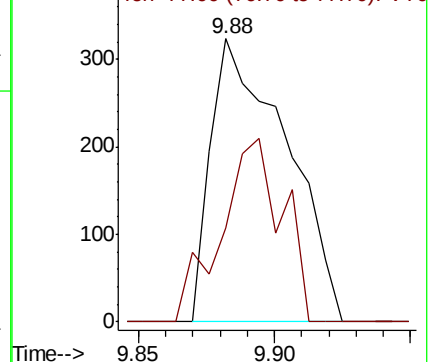
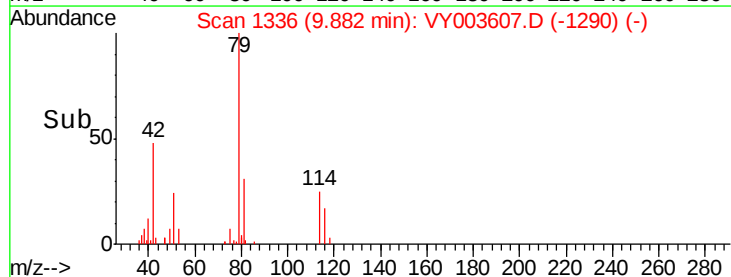
75 100

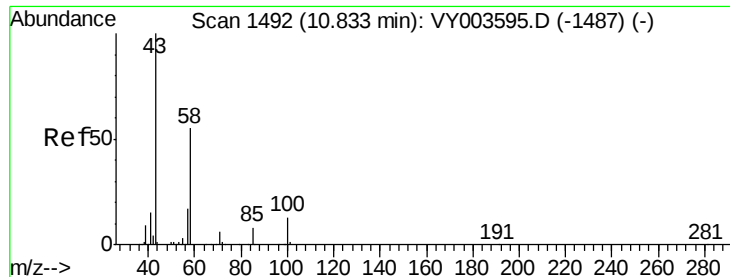
77 33.1 23.2 43.0



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#49

2-Hexanone

Concen: 1.990 ug/L

RT: 10.79 min Scan# 1485

Delta R.T. -0.04 min

Lab File: VY003607.D

Acq: 24 Nov 2020 15:57

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 43 Resp: 946

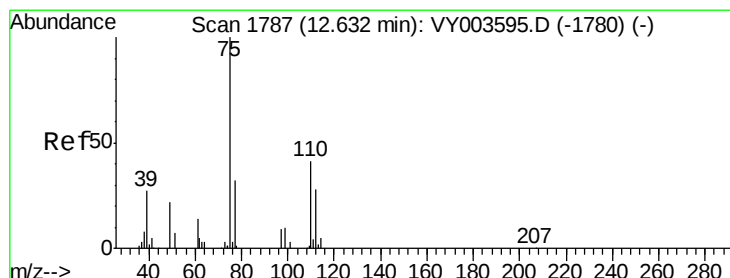
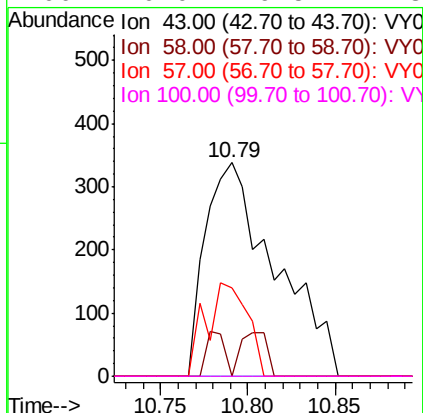
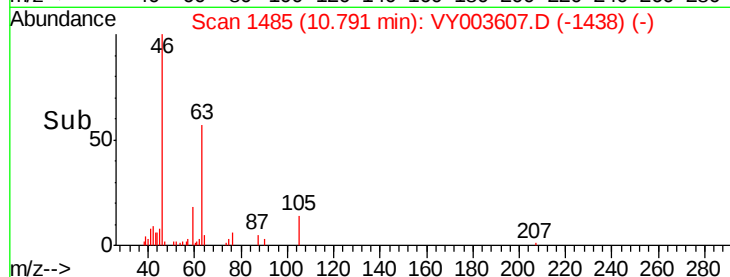
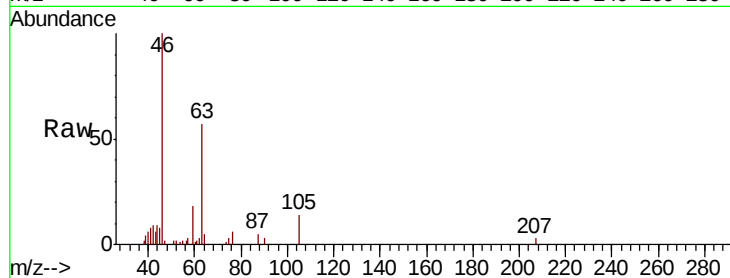
Ion Ratio Lower Upper

43 100

58 5.4 42.1 63.1#

57 25.6 14.2 21.2#

100 0.0 9.5 14.3#



#59

1,2,3-Trichloropropane

Concen: 4.168 ug/L

RT: 13.42 min Scan# 1916

Delta R.T. 0.79 min

Lab File: VY003607.D

Acq: 24 Nov 2020 15:57

Tgt Ion: 75 Resp: 2200

Ion Ratio Lower Upper

75 100

77 27.7 26.2 39.2

